Entry level wireless intruder alarm panel
Simple to install, cost effective and reliable

i-on Compact kit

A starter-level security alarm kit that brings next-generation cloud capabilities to residential properties. The wireless intruder panel with built-in keypad, offers up to 20 radio zones and can be programmed, managed and serviced remotely by installers via Eaton SecureConnect™.

EATON-COMPACTKIT1 kit contains:

- 2 x Pet tolerant PIR (XCELRPT)
- 1 x Door contact (DET-RDC-W)
- 2 x Two-way keyfob (FOB-2W-4B)
- 1 x External sounder (SDR-REXT-G2-BL)

Built with cyber security in its DNA the i-on Compact is Eaton SecureConnect™ Cloud and App enabled.

Multiple communication options
Built-in Ethernet port and optional PSTN or GSM allow you to tailor installations to the properties needs.

Eaton SecureConnect™ Cloud and App
Control and monitor your panels through the cloud 24/7 anytime anywhere across multiple locations. Provide you customers with a secure App for convenient control of their system ensuring peace of mind.

Visual Verification
Connect Eaton security cameras to the compact panel to provide an additional layer of security. Capturing images locally on SD card and view through App or email.

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The i-on compact panel allows you to add up to 20 different detectors - Build a Scantronic system to suit your project

Control panels and devices

i-on Compact

A simple to install and easy to use 20 zone radio intruder panel featuring an integrated keypad.

- Single box solution reducing installation time
- Low profile design providing a discreet solution
- Class-leading Scantronic radio

Proximity tags

Used to set and unset intruder system instead of using a pin number. Several can be used to one system, tags can be allocated to each user.

Internal and External cameras

IP cameras provide peace of mind to the user by verifying alarm events with full HD 1080P quality. In addition, the user can be emailed images as they happen.

Control panels and devices

Motion detectors for indoors or the perimeter

For a consistent look across the installation, the motion detectors share a common design. The range offers radio or wired, pet tolerant and dual technology options.

Protection for doors and windows

Protect the main points of entry to the property, with a choice of colours to suit different door and window frames. Choose to detect either the opening of doors or windows or the vibration caused by forced entry.

Environmental sensors

An optical radio smoke detector with a built-in sounder to alert occupants in the event of a fire. Flood detectors that signal the presence of water. For use in basements or adjacent to washing machines.

Internal and External sounders

The wired and radio external sounders provide 100dB sound output and are available in 3 different colours. Designed to blend in, the internal sounder can be installed in areas out of earshot of the panel or keypads, so that users can still hear system sounds.

Control panels and devices

User mobile app

- Peace of mind at a glance
- Set, unset and part set alarm systems
- Real time notifications
- Verifies events by delivering images to smart devices

Installer Cloud

- Easy access from any internet browser
- Manage all your panels from anywhere
- Perform remote configuration and software updates
- Enable or disable end-user access

To find out more about SecureConnect™ visit: **www.eaton.com/SecureConnect**

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i-on Compact - Entry level wireless intruder alarm panel

The i-on Compact is a starter-level security panel that brings next-generation cloud capabilities to residential and small commercial properties. The wireless intruder panel, with built-in keypad, offers up to 20 radio zones and can be programmed, managed and serviced remotely by installers via Eaton SecureConnect™.

Built with cyber security in its DNA the i-on Compact is Eaton SecureConnect™ Cloud and App enabled

Multiple communication options
Built-in Ethernet port and optional PSTN or GSM allow you to tailor installations to the properties needs.

Eaton SecureConnect™ Cloud and App
Control and monitor your panel through the cloud 24/7 anytime anywhere across multiple locations. Provide your customers with a secure App for convient control of their system ensuring peace of mind.

Simple visual verification
Connect Eaton security cameras to the i-on Compact panel to provide an additional layer of security. Capturing images locally on an SD card and view through App or email.

At a glance:

- 20 radio zones
- Built in communications (SIA IP ARC) as standard
- Ethernet / web server / virtual
- Visual verification
- Perimeter zone functionality
- SMS control
- Plug on ARC/Speech/SMS for PSTN/GSM
- Class leading Scantronic radio
- Email notifications
- EN50131 Grade 2: Independently approved
- Available in kit format:
  COMPACT-KIT
  COMPACT-KIT-RD
  COMPACT-KIT-GSM
  COMPACT-KIT-WiFi
  COMPACT-KIT-PSTN

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Product specification

Feature	Description
Compliance	EN50131-1:2006 + A1:2009 Grade 2 and environmental class II, EN50131-3:2009, EN50131-6:2008, BS8243:2010, PD6662:2017
Zones	20 radio zones
Part sets	1 full set and 3 part sets
Users	20 users
Event log	250 mandatory event logs and 50 non mandatory events
Outputs	20 radio outputs
Internal sounder	2 radio internal sounders
External sirens	2 radio external sirens
Remote communications	SIA IP ARC comunications via IP LAN
Visual verification	Up to 2 IP cameras
Power supply	500mA switch mode
Battery	COMPACT-BAT01: 6 x NimH cell battery pack
Dimensions	238mm (h) x 161mm (w) x 38mm (d)
Weight	710g (with battery)

Compatible products

Product Code	Description	Product Code	Description
i-GSM03	Plug on GSM communicator	DET-RDC-B	Radio slimline door contact brown
i-DIG03	Plug on PSTN communicator	DET-RDC-G	Radio slimline door contact grey
i-WiFi01	WiFi adapter	DET-RDTPT-G2	Radio pet tolerant dual tech detector
SDR-REXT-G2	External radio sounder	DET-RDT-G2	Radio dual tech detector
SDR-RINT	Internal radio sounder	CAM-EXT-00	External IP camera
XCELR	Radio PIR	CAM-INT-00	Internal IP camera
XCELRPT	Radio pet tolerant PIR	i-RK01	Radio keypad
734rEUR-00	Radio door contact, CC white	703rEUR-00	Four channel radio transmitter
734rEUR-05	Radio door contact, CC brown	710rEUR-00	Radio panic button
734rEUR-01	Radio door contact, FSL white	726rEUR-50	Radio panic button (long range)
734r-EUR-06	Radio door contact, FSL brown	726rEUR-60	Radio panic button (short range)
738rEUR-00(04)	Radio shock sensor white (brown)	705rEUR-00	Radio panic button
739rEUR-00	Radio break glass detector	706rEUR-00	Radio lone worker button
DET-RDC-W	Radio slimline door contact white		

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KEY-RAS

The KEY-RAS is designed to work with the i-on range control panels.

The keypad allows users to set and unset the system. The KEY-RAS, in two-way mode, will also provide entry, exit and alarm tones.

At a glance...

- Four LEDs show the setting status of partitions or levels
- "A, B, C, D and Unset" keys provide quick setting and unsetting of the system
- A built in proximity tag detector
- Built in panic button enabled in programming
- Option of two-way mode, which works with SecureConnect enabled panels to provide audible feedback on setting and unsetting
- One-way mode for use with older i-on panels and expandable panels. This provides an arming station to set or unset
- Option of battery or external 12V power supply

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Scantronic product datasheet

Product specification

Feature	Description
Compliance	PD6662:2017 Grade 2, EN50131-1:2006+A2:2017 Grade 2, EN50131-3
Case material	ABS
Security grade	Grade 2
Dimensions	128mm (h) x 128mm (w) x 35mm (d)
Weight	0.23kg (without batteries)
Temperature range	Tested -10 to +55⊠C
Battery life	15 months two way with typical usage / 39 months one way with typical usage
Radio range	300m in free space

Compatible products

Feature	Description
Compact / -EU	One-way mode / two-way mode (only software V5.03.44 or above)
Style / -EU	One-way mode / two-way mode (only software V5.02.44 or above)
i-on30R / -EU	One-way mode / two-way mode (only software V5.02.44 or above)
i-on40H / -EU	One-way mode / two-way mode (only software V5.02.44 or above)
i-onG2SM-KPZ / -EU *	One-way mode / two-way mode
i-onG3MM-KPZ / -EU *	One-way mode / two-way mode
i-onG3LM-KPZ / -EU *	One-way mode / two-way mode
i-on16 / -EUR	One-way mode
i-on40 / -EUR	One-way mode
i-on30EX / EXEUR *	One-way mode
i-on50EX / EXEUR *	One-way mode
i-on160EX / EXEUR *	One-way mode
Menvier30KPZ *	One-way mode
Menvier40KPZ *	One-way mode
Menvier100KPZ *	One-way mode
Menvier300KPZ *	One-way mode
Mutli-bus *	One-way mode

* Panels that require an EXP-R10 or EXP-R30.

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Eaton SecureConnect™ end-user app

Eaton SecureConnect™ is a smart intruder solution offering property owners 24/7 control over their security system from anywhere in the world through a user-friendly mobile app available for iOS and Andriod operating systems.

- Real-time push notifications of system activity are sent directly to the end-users smart device alerting them to events whether home or away.

- Allows users to set or unset their system remotely and receive visual verification of events instantly.

- Eaton's securely encrypted app is equipped with facial and fingerprint recognition and has been rigorously tested and approved by Eaton's Cyber-Security Centre of Excellence.

- Available on Eaton's second generation Scantronic i-on burglar alarm panels - i-on Compact, i-on Style, i-on30R and i-on40H.

Compatibility	Description
STYLE	40 zone integrated control panel
COMPACT	20 zone integrated control panel
i-on30R	30 zone radio control panel
i-on40H	40 zone hybrid control panel
CAM-EXT-00	External IP camera
CAM-INT-00	Internal IP camera

Eaton SecureConnect™ installer cloud

Eaton SecureConnect™ installer cloud is a smart security management system for residential and commercial buildings, enabling remote monitoring of the latest IP intruder alarm devices via a user-friendly interface. Thoroughly tested by Eaton's Cyber-Security Centre of Excellence and keeps installers in total control of their installations.

- Perform configuration diagnostics and software updates from anywhere in the world. Drastically reducing call-out time, allowing installers to achieve more in a day than ever before.

- From any web browser manage all of your connected panels across multiple customers.

- Partnerships with CSL and WebWay add an extra layer of security to the Eaton SecureConnect system by facilitating immediate and reliable transmission of data from the premises to an ARC in the event of an alarm being triggered.

- Available on Eaton's second generation Scantronic i-on burglar alarm panels - i-on Compact, i-on Style, i-on30R and i-on40H.

Compatibility	Description
STYLE	40 zone integrated control panel
COMPACT	20 zone integrated control panel
i-on30R	30 zone radio control panel
i-on40H	40 zone hybrid control panel
CAM-EXT-00	External IP camera
CAM-INT-00	Internal IP camera

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Wired and Wireless Detection xcel PIRs

Offers a common appearance throughout a hybrid installation

xcel series of detectors introduces a housing for wired and wireless standard and pet tolerant PIRs

Easily available batteries

xcelR and xcelRPT take two standard AA batteries available from any retailer

Fewer site visits to change batteries

Battery life increased to 40 months using standard AA batteries

Fit radio PIRs where you want to

Advanced design has led to 30% range improvement

Greater performance for improved security

Consistency of coverage considerably improved due to the new design of spherical lens, five layers of beams and dual element sensor

The xcelRPT responds twice as quickly as the previous radio PIRs whilst maintaining pet tolerance up to 25Kg

Carry one detector for all installations

Compatible with all current Scantronic and Menvier alarm panels with radio capability

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Scantronic and Menvier product datasheet

Wired PIRs Pet and non pet tolerant

| Product Codes	Wired PIR:	XCELW
	Wired PIR Pet tolerant:	XCELWPT
EN50131 Grade	2	
Environmental Class	2	
PIR Coverage	12m by 90° 9m by 90° (Pet)	
Current Consumption	10mA (normal) 15mA (max)	
Pet tolerance	Tolerant to pets up to 25kg (XCELWPT)	
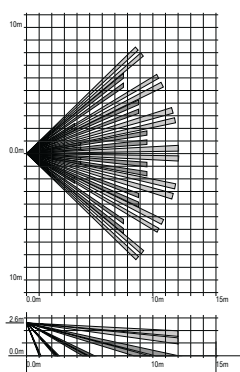
XCELWPT coverage   XCELW coverage
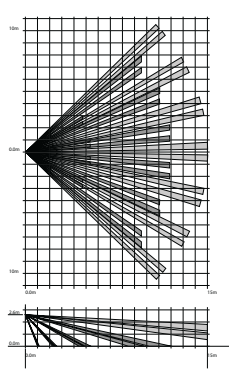
Compatible products

i-on30EX/ EXEUR	30 zone control panel
i-on40/ EUR	40 zone control panel
i-on50EX/ EXEUR	50 zone control panel
i-on160EX/ EXEUR	160 zone control panel
Multibus	1000 zone control panel
Menvier30KPZ	30 zone control panel
Menvier40KPZ	40 zone control panel
Menvier100KPZ	100 zone control panel
Menvier300KPZ	300 zone control panel
Eaton Legacy panels	panel end station

Wireless PIRs Pet and non pet tolerant

Product Codes	Wireless PIR:	XCELR
	Wireless PIR Pet tolerant:	XCELRPT
EN50131 Grade	2	
Environmental Class	2	
PIR Coverage	12m by 90° 9m by 90° (Pet)	
Radio range	Greater than 1000m in free space	
Batteries	1.5v AA alkaline x 2	
Battery life	**Up to** 40 months	
Pet tolerance	Tolerant to pets up to 25kg (XCELRPT)	
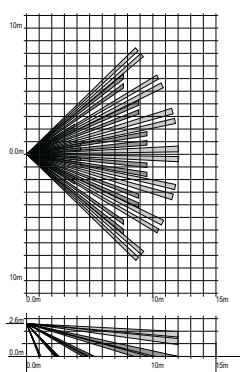
XCELRPT coverage   XCELW coverage
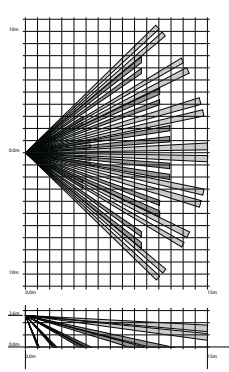
Compatible products

i-on16/ EUR	16 zone control panel
i-on30EX/ EXEUR	30 zone control panel
i-on40/ EUR	40 zone control panel
i-on50EX/ EXEUR	50 zone control panel
i-on160EX/ EXEUR	160 zone control panel
Multibus	1000 zone control panel
Menvier30KPZ	30 zone control panel
Menvier40KPZ	40 zone control panel
Menvier100KPZ	100 zone control panel
Menvier300KPZ	300 zone control panel
EXP-R10	10 zone expander
EXP-R30	30 zone expander
762rEUR-00	Two channel radio receiver
768rEUR-50	Eight channel radio receiver expandable to 32 channels with the769
769rEUR-50	Eight channel expander for use with the 768
Eaton Legacy panels	panel end station

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SDR-xEXT External sounder

A capsule range of external sounders, in three colours, with options for radio, wired and decoy.

Designed for use with i-on and Menvier, new and legacy 868MHz systems. Wired variants also compatible with third-party control units

Engineer-friendly:
a self-supporting lid, built-in spirit-level and revolving fixing holes for ease of installation including on uneven surfaces

High-power comfort LEDs and LED strobes:
provides reassurance for the user

Common enclosure for entire range:
impact-resistant polycarbonate construction in a choice of 3 colours: blue, amber and red

At a glance...

• Selectable between Self Contained Bell (SCB) or Self Actuated Bell (SAB) modes:
  - In SCB mode the sounder, in alarm condition, draws its power from its integral internal battery
  - In SAB mode the sounder is driven from the control panel
  - Low-volume maintenance mode
  - Self-supporting lid
  - Built-in spirit level

• Sound output 100 dB at 1 meter

• Low current consumption (35mA and 225mA in-alarm current)

• Lid and rear tamper detection

• Selectable cut-off timer

• Choice of siren tones

• Compliance: EN50131-4 Grade: Grade 2 (SDR-WEXT-G2 and SDR-REXT-G2), or Grade 3 (SDR-WEXT-G3),PD6662:2010, EN50131-4:2009

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Product specification

	SDR-REXT-G2	SDR-WEXT-G2	SDR-WEXT-G3	SDR-DEXT
Sound output	100 dB(A) at 1m	100 dB(A) at 1m	100 dB(A) at 1m	-
Compliance	EN50131-4:2009, Grade 2, PD6662:2010, DD263:2010	EN50131-4: 2009 Grade 2, PD6662:2010, DD263:2010	EN50131-4: 2009 Grade 2/3 PD6662:2010, DD263:2010	N/A
Dimensions	290mm (h) x 277mm (w) x 80mm (d)	290mm (h) x 277mm (w) x 80mm (d)	290mm (h) x 277mm (w) x 80mm (d)	290mm (h) x 277mm (w) x 80mm (d)
Weight	1.4kg	1.2kg	1.2kg	1.1kg
Current consumption	0.25mA quiescent current including comfort LEDs. 225mA in-alarm current	35mA quiescent current including battery charge and comfort LEDs. 225mA in-alarm current (in SAB mode)		-
Operating temperature	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C
Max Relative Humidity	95%	95%	95%	95%
Supply voltage	-	9V to 16VDC	9V to 16VDC	-
IP rating	IP65	IP65	IP65	-
EU compliance standards	R&TTE: 1999/5/EC, EMC: 2004/108/EC, RoHS: 2011/65/EC, WEEE: 2012/19/EC, EUP: 2005/32/EC, Low voltage: 2006/95/EC, General safety: 2001/95/EC			-
Front tamper	Yes	Yes	Yes	No
Rear tamper	Yes	Yes	Yes	No
Cut off timer	Selectable: 5 secs, 3 mins, 15 mins	Selectable: 5 secs, 3 mins, 15 mins	Selectable: 5 secs, 3 mins, 15 mins	-
Wireless frequency	868.6625 MHz	N/A	N/A	N/A
Battery packs	2 x 3V Alkaline or 1 x 7.2V Lithium	2 x 3V Alkaline or 1 x 7.2V Lithium	2 x 3V Alkaline or 1 x 7.2V Lithium	2 x 3V Alkaline or 1 x 7.2V Lithium

Product codes

SDR-CV	Sounder cover white
SDR-DEXT-BL-NC	Decoy external sounder blue no cover
SDR-DEXT-OR-NC	Decoy external sounder orange no cover
SDR-DEXT-RD-NC	Decoy external sounder red no cover
SDR-REXT-G2-BL-NC	Sounder external radio basic blue lens no cover
SDR-REXT-G2-OR-NC	Sounder external radio basic orange lens no cover
SDR-REXT-G2-RD-NC	Sounder external radio basic red lens no cover
SDR-WEXT-G2-BL-NC	Sounder external wired G2 blue lens no cover
SDR-WEXT-G2-OR-NC	Sounder external wired G2 orange lens no cover
SDR-WEXT-G2-RD-NC	Sounder external wired G2 red lens no cover
SDR-WEXT-G3-BL-NC	Sounder external wired G3 blue lens no cover
SDR-WEXT-G3-OR-NC	Sounder external wired G3 orange lens no cover
SDR-WEXT-G3-RD-NC	Sounder external wired G3 red lens no cover

Compatible products

SDR-WEXT/ SDR-DEXT	All Eaton i-on & Menvier control panels as well as 3rd party panels
SDR-REXT	All Eaton radio i-on & Menvier control panels

Keyfobs

i-FB01

FOB-2W-4B

The PD6662:2010 compliant two-way keyfob (FOB-2W-4B) and one-way keyfob (i-FB01) both enable the user to remotely unset/set the system.

The two-way keyfob provides feedback on system status and confirms that the system has been set upon exit whilst the two-way keyfob can be programmed to be used as a panic button.

Both are designed to fit comfortably in your pocket or on a key ring.

Compatible with all current Eaton security control panels.

At a glance...

- Long-life lithium battery
- Two-way keyfob provides system status
- Replaceable battery
- Enhanced transmission range (FOB-2W-4B)
- Configurable set/unset
- Learnt to user profile not radio zones
- Programmable output button which can be used to operate motorised gates.

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Compatible products

EXP-R10	10 zone radio expander
EXP-R30	30 zone expander
i-on16/ EUR	16 zone control panel
i-on30EX/ EXEUR	30 zone control panel
i-on40/ EUR	40 zone control panel
i-on50EX/ EXEUR	50 zone control panel
i-on160EX/ EXEUR	160 zone control panel
Multibus	1000 zone control panel
Menvier30KPZ	30 zone control panel
Menvier40KPZ	40 zone control panel
Menvier100KPZ	100 zone control panel
Menvier300KPZ	300 zone control panel

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Slimline shock sensor & door contact range

Wireless slimline detector range is used for detecting threats at perimeters and alerting system users. Keeping property, people and belongings safe.

With a choice of 3 different finishes and slimline housing, these detectors are consistent throughout the range and will suit all installations.

- DET-RS has a built-in accelerometer that can select either shock or movement detection.
- DET-RDC uses a magnet to detect the opening and closing of a door or window.
- DET-RSDC can offer a confirmed alarm from a sequential activation.

At a glance...

- Grade 2 radio products
- Slimline housing & 3 colour finishes
- Adjustable detection & flexible installation
- Easily available CR2 battery
- Independently certified to EN50131

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Scantronic product datasheet

Product specification

Feature	DET-RS	DET-RDC	DET-RSDC
Part no.	DET-RS-W (white) DET-RS-B (brown) DET-RS-G (grey)	DET-RDC-W (white) DET-RDC-B (brown) DET-RDC-G (grey)	DET-RSDC-W (white) DET-RSDC-B (brown) DET-RSDC-G (grey)
Battery	3Vdc CR2 Lithium; low battery warning 2.4Vdc.	3Vdc CR2 Lithium; low battery warning 2.4Vdc	3Vdc CR2 Lithium; low battery warning 2.4Vdc.
Typical battery life	2 years	3 years	2 years
Current	20µA quiescent; 25mA max	3µA quiescent; 35mA max	20µA quiescent; 25mA max
Radio	868.6625MHz; 10mW narrow band	868.6625MHz; 10mW narrow band	868.6625MHz; 10mW narrow band
Radio range	up to 600m in free space	up to 600m in free space	up to 600m in free space
Humidity	0-95%	0-95%	0-95%
Operating temperature	-10°C to +55°C	-10°C to +55°C	-10°C to +55°C
Dimensions (HxWxD)	103 x 19 x 24mm	Sensor: 103 x 19 x 24mm Magnet: 55 x 12 x 12mm	Sensor: 103 x 19 x 24mm Magnet: 55 x 12 x 12mm
Weight	40g (inc. battery)	Sensor: 40g (inc. battery) Magnet: 10g	Sensor: 40g (inc. battery) Magnet: 10g
Intrusion standards	EN 50131-5-3:2017; PD 6662:2017	EN50131 2-6; EN50131-5-3; PD 6662:2017	EN 50131-2-6:2008; EN 50131-5-3:2017; PD 6662:2017
Security grade	Grade 2	Grade 2	Grade 2
Environmental class	Class II	Class II	Class II
Replacement battery code (or battery type if widely available)	1-345346 1 x 3v CR2	1-345346 1 x 3v CR2	1-345346 1 x 3v CR2

Compatible products

Product code	Description
i-on40H	40 zone hybrid control panel
i-on30R	30 zone radio control panel
COMPACT	20 zone integrated control panel
STYLE	40 zone integrated control panel
EXP-R10	Radio 10 zone expander
EXP-R30	Radio 30 zone expander
762r-EUR-00	Radio receiver
768rEUR-50	Radio receiver
769rEUR-50	Radio expander

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